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FROM • Paula M. Theismann

Direct Dial: 312 876 7977 Fax: 312 876 7934

TOTAL NUMBER OF PAGES TRANSMITTED, INCLUDING THIS SHEET: 10

MESSAGE • SONY CORPORATION - USSN 09/584,999 - RESUBMISSION OF REVOCATION OF  
POWER OF ATTORNEY SNR NO. 09792909-4878

**CONFIDENTIALITY NOTE**

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Omori, S. et al.

Serial No.: 09/584,999

Filed: June 1, 2000

For: SIGNAL PROCESSING APPARATUS,  
METHOD OF THE SAME, AN IMAGE  
PROCESSING APPARATUS AND  
METHOD OF THE SAME

Case No. 09792909-4878  
(formerly SONY-T0665)

Group Art Unit: 2612

Examiner: Unknown

**Certificate of Transmission (37 CFR 1.8)**

I hereby certify that this paper (along with  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date of Deposit: November <sup>2</sup> 2005

*Paula M. Theismann* 11-2-05  
Paula M. Theismann Date

**RESUBMISSION OF REVOCATION OF POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby resubmit Transmittal Letter and Revocation of Power of Attorney corresponding to the above-identified patent application initially mailed November 9, 2001 to the U.S. Patent & Trademark Office.

Applicants request that this application be assigned to our Customer No. 26263.

Applicants also request that the U.S. Patent Office provide us with a copy of an office action having a mailing date of July 16, 2004.

The Commissioner is hereby authorized charge any additional fees required, as well as any patent application processing fees associated with this communication for which full payment has not been tendered, to Deposit Account No. 19-3140. A duplicate copy of this letter is enclosed.

Respectfully submitted,

SONNENSCHN NATH & ROSENTHAL LLP

SONNENSCHN NATH & ROSENTHAL LLP  
P.O. Box 061080  
Wacker Drive Station  
Sears Tower  
Chicago, Illinois 60606-1080  
Telephone: (312) 876-8000  
CUSTOMER #26263

By:

*David R. Metzger*  
David R. Metzger  
Registration No. 32,919

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Omori, S. et al.

Serial No.: 09/584,999

Filed: June 1, 2000

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METHOD OF THE SAME, AN IMAGE  
PROCESSING APPARATUS AND  
METHOD OF THE SAME

Case No. 09792909-4878  
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Group Art Unit: 2612

Examiner: Unknown

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P.O. Box 1450  
Alexandria, VA 22313-1450

Date of Deposit: November 2, 2005

*Paula M. Thelsmann* 11-2-05  
Paula M. Thelsmann Date

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Alexandria, VA 22313-1450

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The Commissioner is hereby authorized charge any additional fees required, as well as any patent application processing fees associated with this communication for which full payment has not been tendered, to Deposit Account No. 19-3140. A duplicate copy of this letter is enclosed.

Respectfully submitted,

SONNENSCHN NATH & ROSENTHAL LLP

SONNENSCHN NATH & ROSENTHAL LLP  
P.O. Box 061080  
Wacker Drive Station  
Sears Tower  
Chicago, Illinois 60606-1080  
Telephone: (312) 876-8000  
CUSTOMER #26263

By:

*David R. Metzger*  
David R. Metzger  
Registration No. 32,919

DOCKET NO. 9792909-4878

DVM/JVH

11/09/01

Patent Office Mail Room: Will you  
please affix the Patent Office stamp  
and return this card to acknowledge  
receipt of the following documents:

Applicant:	S. Omar, et. al.
Serial No.:	09/584,999
Filing Date:	June 1, 2000
Client:	Sony Corporation

Title: SIGNAL PROCESSING APPARATUS, METHOD OF THE SAME, AN IMAGE  
PROCESSING APPARATUS AND METHOD OF THE SAME

1. Transmittal Letter (1 page - in duplicate)
2. Revocation and Power of Attorney (2 pages)
3. Copy of Recorded Assignment (3 pages)
4. Return Receipt Postcard

All mailed to the U.S. Patent and Trademark Office by First Class Mail on  
November 9, 2001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant: S. Omori, et al.

Serial No.: 09/584,999

Filed: June 1, 2000

For: SIGNAL PROCESSING APPARATUS,  
METHOD OF THE SAME, AN IMAGE  
PROCESSING APPARATUS AND  
METHOD OF THE SAME

Case No.: 9792909-4878

Group Art Unit: 2711

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I hereby certify that this paper (along with  
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to the:

Assistant Commissioner for Patents  
Washington, D.C. 20231, on

Date of Deposit: November 9, 2001

  
JoEllen Hogan

11/9/01  
Date

TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

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Dear Sir:

Enclosed herewith is a Revocation and Power of Attorney in the  
above-identified patent application.

Also enclosed are: Copy of Recorded Assignment  
Return Receipt Postcard

Applicant's former counsel, Limbach & Limbach, has gone out of business,  
and forwarding of mail has been sporadic, at best. If any correspondence has been  
issued since January 1, 2001, please forward a copy to us as we cannot guarantee  
that it has been received by applicant, or applicant's current or former counsel.


The Commissioner is hereby authorized to charge any additional fees  
required, as well as any patent application processing fees associated with this  
communication for which full payment has not been tendered, to Deposit Account  
No. 19-3140. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

SONNENSCHN NATH & ROSENTHAL

SONNENSCHN NATH & ROSENTHAL  
P.O. Box 061080  
Wacker Drive Station  
Sears Tower  
Chicago, Illinois 60606-1080  
Telephone: (312) 876-8000

By:

  
David R. Metzger  
Registration No. 32,919

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Our Docket No: 09/5290A 2878  
Sony Docket No: S00P0665US00

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: S. Omori, et al.  
SERIAL NO: 09/584,999  
FILED: June 1, 2000  
TITLE SIGNAL PROCESSING APPARATUS, METHOD OF THE SAME, AN  
IMAGE PROCESSING APPARATUS AND METHOD OF THE SAME  
AU: 2711

Assist. Commissioner of Patents  
Washington, D.C. 20231

**REVOCATION AND POWER OF ATTORNEY**

Dear Sir:

SONY CORPORATION, a Japanese Corporation, having a place of business at 7-35,  
Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, Japan and owner of the above-  
referenced patent application, hereby revokes all former appointments of powers of attorney  
and hereby appoints the following attorneys to transact all business in the United States  
Patent and Trademark Office connected herewith:

Terrence M. Brennan, Reg. No. 42,360  
Thomas J. Burton, Reg. No. 47,464  
Matthew M. Catlett, Reg. No. 44,067  
Jeffrey F. Craft, Reg. No. 30,044  
D. Andrew Floam, Reg. No. 34,597  
Brian J. Gill, Reg. No. 46,727  
Gregory Gulliver, Reg. No. 44,138  
John F. Griffith, Reg. No. 44,137  
Kevin W. Gynn, Reg. No. 29,927  
Jennifer Hammond, Reg. No. 41,814  
Marc B. Hankin, Reg. No. 38,908  
Lana Knedlik, Reg. No. 42,748  
Michael L. Kiklis, Reg. No. 38,939  
Eric N. Kohli, Reg. No. 43,726

Mark H. Krietzman, Reg. No. 41,128  
Brian R. McGinley, Reg. No. 47,782  
David R. Metzger, Reg. No. 32, 919  
Michael A. Molano, Reg. No. 39,777  
John F. Nethery, Reg. No. 42,928  
Christopher P. Rausch, Reg. No. 45,034  
Francisco Rubio-Campos, Reg. No. 45,358  
Marina N. Saito, Reg. No. 42,121  
Alison P. Schwartz, Reg. No. 43,863  
Jordan A. Sigale, Reg. No. 39,028  
Vincent Tassinari, Reg. No. 42,179  
Shashank S. Upadhye, Reg. No. 48,209

of the firm:

SONNENSCHN NATH & ROSENTHAL  
P.O. Box 061080  
Wacker Drive Station - Sears Tower  
Chicago, Illinois 60606-1080  
(312) 876-8000 telephone  
(312) 876-7934 facsimile

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The undersigned hereby states that I am empowered to sign this Revocation and Power of Attorney on behalf of SONY CORPORATION and certify that an assignment of the subject application to SONY CORPORATION was recorded with the United States Patent and Trademark Office, that I have reviewed all the documents in the chain of title in the subject application and to the best of my knowledge and belief, title is in the name of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application.

Signature: 

Date: October 19, 2001

Name: Keisuke Tanaka  
(Print)

Title: Manager, Intellectual Property Div.

14183929V-1

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## PATENTS ONLY

To the Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

SHIRO OMORI and KAZUHIKO UEDA

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Sony Corporation

Internal Address: \_\_\_\_\_

Street Address: 7-35, Kitashinagawa 6-ChomeCity, State and Zip: Shinagawa-ku, Tokyo, 141-0001 JAPAN

Additional Name(s) &amp; address(es) attached?

☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name☐ Execution Date: September 19, 2000 and September 20, 2000

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No. 09/584,999  
B. Filed: June 1, 2000

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles P. SammutInternal Address: Limbach & Limbach L.L.P.  
Street Address: 2001 Ferry Building  
City, State, ZIP: San Francisco, California 94111  
Telephone: (415) 433-4150  
Facsimile: (415) 433-8716Attorney Docket No. SONY-T06656. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed  
☒ Charge any deficiencies in the enclosed fee to  
Deposit Account No. 12-1420  
☐ Authorized to be charged to deposit account8. Deposit account number: 12-1420

## DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles P. Sammut, Reg. No. 28,901  
Name of Person Signing  
SignatureOctober 2, 2000  
DateTotal number of pages including cover sheet, attachments and document: 3

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

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Docket Number: SONY-T0665

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in SIGNAL PROCESSING APPARATUS, METHOD OF THE SAME, AN IMAGE PROCESSING APPARATUS AND METHOD OF THE SAME for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/584,999, Filing Date: June 1, 2000

This assignment executed on the dates indicated below.

SHIRO OMORI

Name of first or sole inventor

Execution date of U.S. Patent Application

KANAGAWA, JAPAN

Residence of first or sole inventor

Shiro Omori

Signature of first or sole inventor

September 19, 2000

Date of this assignment

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KAZUHIKO UEDA

Name of second inventor

Execution date of U.S. Patent Application

KANAGAWA, JAPAN

Residence of second inventor

*Kazuhiko Ueda*

*September 20, 2000*

Signature of second inventor

Date of this assignment

Name of third inventor

Execution date of U.S. Patent Application

Residence of third inventor

Signature of third inventor

Date of this assignment

Name of fourth inventor

Execution date of U.S. Patent Application

Residence of fourth inventor

Signature of fourth inventor

Date of this assignment

Name of fifth inventor

Execution date of U.S. Patent Application

Residence of fifth inventor

Signature of fifth inventor

Date of this assignment

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